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Range: from begin to end   ☐ Reverse complemented strand   Features: ☐ SNP ☐ CDD ☑ MGC ☑ HPRD

☐ **1:** Z33381. Reports T.reesei (QM9414)...[gi:485863]   Links

- Features
- Sequence

```
LOCUS       TRGE14BG                1124 bp    DNA     linear   PLN 26-JUN-1995
DEFINITION  T.reesei (QM9414) gene for endo-1,4-beta-glucanase.
ACCESSION   Z33381
VERSION     Z33381.1  GI:485863
KEYWORDS    endo-1,4-beta-glucanase; endo-1,4-beta-glucanase V.
SOURCE      Hypocrea jecorina
  ORGANISM  Hypocrea jecorina
            Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
            Hypocreomycetidae; Hypocreales; Hypocreaceae; Hypocrea.
REFERENCE   1  (bases 1 to 1124)
  AUTHORS   Saloheimo,A., Henrissat,B., Hoffren,A.M., Teleman,O. and
            Penttila,M.
  TITLE     A novel, small endoglucanase gene, egl5, from Trichoderma reesei
            isolated by expression in yeast
  JOURNAL   Mol. Microbiol. 13 (2), 219-228 (1994)
   PUBMED   7984103
REFERENCE   2  (bases 1 to 1124)
  AUTHORS   Saloheimo,A.
  TITLE     Direct Submission
  JOURNAL   Submitted (05-MAY-1994) Saloheimo A., VTT Biotechnology and Food
            Research, Espoo, Finland
FEATURES             Location/Qualifiers
     source          1..1124
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                     /EC_number="3.2.1.4"
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                     and beta-glucan"
                     /note="Based on hydrophobic cluster analysis, EGV belongs
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                     to family K of cellulases/xylanases and family 45 of
                     glycosyl hydrolases together with EGB of Pseudomonas
                     fluorescens and EGV of Humicola insolens."
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     gene            join(127..144,205..270,333..923)
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     intron          145..204
                     /gene="egl5"
                     /number=1
                     /cons_splice=(5'site:NO, 3'site:YES)
     exon            205..270
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                     /number=2
     intron          271..332
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       61 gtaaccatcg tgaccatgaa ggcaactctg gttctcggct ccctcattgt aggcgccgtt
      121 tccgcgtaca aggccaccac cacggcaagt ctacatgctt ccaggtcaca acgtctgctc
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     1021 taaattatgt atattatagc agtactgtat cattgctgct gtctgcctga cttcaatgct
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Jan 30 2006 12:09:03